Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Condition	Dry
Material	Concrete
Sample No	1
Date	13-Jun-2019

Sl. No	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.52	150*150*150	1931.85	329.00	0.0225	14.62	15.30	15.96
2	25	7	6.47	150*150*150	1917.04	346.00	0.0225	15.38		
3	25	7	6.69	150*150*150	1982.22	358.00	0.0225	15.91		
4	25	7	6.93	150*150*150	2053.33	362.00	0.0225	16.09	16.62	
5	25	7	6.86	150*150*150	2032.59	374.00	0.0225	16.62		
6	25	7	6.72	150*150*150	1991.11	386.00	0.0225	17.16		

Remarks: 7-days Compressive strength of cement is 15.96 N/mm2

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signatory

Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Condition	Bay
Material	Concrete
Sample No	2
Date	13-Jun-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.62	150*150*150	1961.48	331.00	0.0225	14.71	15.39	16.05
2	25	7	6.57	150*150*150	1946.67	348.00	0.0225	15.47		
3	25	7	6.79	150*150*150	2011.85	360.00	0.0225	16.00		
4	25	7	7.03	150*150*150	2082.96	364.00	0.0225	16.18	16.71	
5	25	7	6.96	150*150*150	2062.22	376.00	0.0225	16.71		
6	25	7	6.82	150*150*150	2020.74	388.00	0.0225	17.24		

Results: 7-days Compressive strength of cement is 16.05 N/mm2

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	3
Date	13-Jun-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.71	150*150*150	1988.15	333.00	0.0225	14.80	15.48	16.14
2	25	7	6.66	150*150*150	1973.33	350.00	0.0225	15.56		
3	25	7	6.88	150*150*150	2038.52	362.00	0.0225	16.09		
4	25	7	7.12	150*150*150	2109.63	366.00	0.0225	16.27	16.80	
5	25	7	7.05	150*150*150	2088.89	378.00	0.0225	16.80		
6	25	7	6.91	150*150*150	2047.41	390.00	0.0225	17.33		

Results: 7-days Compressive strength of cement is 16.14 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	4
Date	13-Jun-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.81	150*150*150	2017.78	335.00	0.0225	14.89	15.57	16.23
2	25	7	6.76	150*150*150	2002.96	352.00	0.0225	15.64		
3	25	7	6.98	150*150*150	2068.15	364.00	0.0225	16.18		
4	25	7	7.22	150*150*150	2139.26	368.00	0.0225	16.36	16.89	
5	25	7	7.15	150*150*150	2118.52	380.00	0.0225	16.89		
6	25	7	7.01	150*150*150	2077.04	392.00	0.0225	17.42		

Results: 7-days Compressive strength of cement is 16.23 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Lab No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	5
Date	13-Jun-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.90	150*150*150	2044.44	337.00	0.0225	14.98	15.66	16.32
2	25	7	6.85	150*150*150	2029.63	354.00	0.0225	15.73		
3	25	7	7.07	150*150*150	2094.81	366.00	0.0225	16.27		
4	25	7	7.31	150*150*150	2165.93	370.00	0.0225	16.44	16.98	
5	25	7	7.24	150*150*150	2145.19	382.00	0.0225	16.98		
6	25	7	7.10	150*150*150	2103.70	394.00	0.0225	17.51		

Results: 7-days Compressive strength of cement is 16.32 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Unit No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	6
Date	2-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	7.00	150*150*150	2074.07	339.00	0.0225	15.07	15.75	16.41
2	25	7	6.95	150*150*150	2059.26	356.00	0.0225	15.82		
3	25	7	7.17	150*150*150	2124.44	368.00	0.0225	16.36		
4	25	7	7.41	150*150*150	2195.56	372.00	0.0225	16.53	17.07	
5	25	7	7.34	150*150*150	2174.81	384.00	0.0225	17.07		
6	25	7	7.20	150*150*150	2133.33	396.00	0.0225	17.60		

Remarks: 7-days Compressive strength of cement is 16.41 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Lab No.	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Date	4-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	7.93	150*150*150	2349.63	533.00	0.0225	23.69	24.44	24.72
2	25	28	7.74	150*150*150	2293.33	548.00	0.0225	24.36		
3	25	28	7.86	150*150*150	2328.89	569.00	0.0225	25.29		
4	25	28	7.62	150*150*150	2257.78	582.00	0.0225	25.87	24.99	
5	25	28	7.82	150*150*150	2317.04	563.00	0.0225	25.02		
6	25	28	7.48	150*150*150	2216.30	542.00	0.0225	24.09		

Remarks: 28-days Compressive strength of cement is 24.72 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	2
Date	4-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.03	150*150*150	2379.26	535.00	0.0225	23.78	24.53	24.81
2	25	28	7.84	150*150*150	2322.96	550.00	0.0225	24.44		
3	25	28	7.96	150*150*150	2358.52	571.00	0.0225	25.38		
4	25	28	7.72	150*150*150	2287.41	584.00	0.0225	25.96	25.08	
5	25	28	7.92	150*150*150	2346.67	565.00	0.0225	25.11		
6	25	28	7.58	150*150*150	2245.93	544.00	0.0225	24.18		

Results: 28-days Compressive strength of cement is 24.81 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	3
Date	4-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.12	150*150*150	2405.93	537.00	0.0225	23.87	24.62	24.90
2	25	28	7.93	150*150*150	2349.63	552.00	0.0225	24.53		
3	25	28	8.05	150*150*150	2385.19	573.00	0.0225	25.47		
4	25	28	7.81	150*150*150	2314.07	586.00	0.0225	26.04	25.17	
5	25	28	8.01	150*150*150	2373.33	567.00	0.0225	25.20		
6	25	28	7.67	150*150*150	2272.59	546.00	0.0225	24.27		

Remarks: 28-days Compressive strength of cement is 24.90 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Lab No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	4
Date	4-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m³)	Max. Load (KN)	Area (m²)	Compressive Strength (N/mm²)	Avg. Sample Strength	Avg. Strength
1	25	28	8.22	150*150*150	2435.56	539.00	0.0225	23.96	24.71	24.99
2	25	28	8.03	150*150*150	2379.26	554.00	0.0225	24.62		
3	25	28	8.15	150*150*150	2414.81	575.00	0.0225	25.56		
4	25	28	7.91	150*150*150	2343.70	588.00	0.0225	26.13	25.26	
5	25	28	8.11	150*150*150	2402.96	569.00	0.0225	25.29		
6	25	28	7.77	150*150*150	2302.22	548.00	0.0225	24.36		

Results: 28-days Compressive strength of cement is 24.99 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	5
Date	4-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.31	150*150*150	2462.22	541.00	0.0225	24.04	24.80	25.07
2	25	28	8.12	150*150*150	2405.93	556.00	0.0225	24.71		
3	25	28	8.24	150*150*150	2441.48	577.00	0.0225	25.64		
4	25	28	8.00	150*150*150	2370.37	590.00	0.0225	26.22	25.35	
5	25	28	8.20	150*150*150	2429.63	571.00	0.0225	25.38		
6	25	28	7.86	150*150*150	2328.89	550.00	0.0225	24.44		

Results: 28-days Compressive strength of cement is 25.07 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Lab No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Mix Type	M-25 Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	6
Date	4-Jul-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m³)	Max. Load (KN)	Area (m²)	Compressive Strength (N/mm²)	Avg. Sample Strength	Avg. Strength
1	25	28	8.41	150*150*150	2491.85	543.00	0.0225	24.13	24.89	25.16
2	25	28	8.22	150*150*150	2435.56	558.00	0.0225	24.80		
3	25	28	8.34	150*150*150	2471.11	579.00	0.0225	25.73		
4	25	28	8.10	150*150*150	2400.00	592.00	0.0225	26.31	25.44	
5	25	28	8.30	150*150*150	2459.26	573.00	0.0225	25.47		
6	25	28	7.96	150*150*150	2358.52	552.00	0.0225	24.53		

Results: 28-days Compressive strength of cement is 25.16 N/mm2

Note:

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For Mecadez Core Technologies Private Limited

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Test Report
Glazed stone ware Pipe

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Lab No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Glazed Stone ware Pipe
Sample No	1
Date	15-Jul-2019

ALKALINE TEST

SL.NO	Area of specimen in cm2	Chemical used	REMARKS
1	92	Magnesium sulphate(5 cylcles)	No evedence of pitting ,Softening ,spalling or cracking
2	83		
3	96		

Note:

i. The results indicated above are based on the tests carried out on the sample at site.

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For Mecadez Core Technologies Private Limited

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Insight Makes It Happen

MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Glazed stone ware Pipe

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Glazed Stone ware Pipe
Sample No	1
Date	15-Jul-2019

ALKALINE TEST

SL.NO	Reagents	Mass of Dry Specimen	Mass Of residue	Loss in percentage mass	Limits as per IS 651-2007
1	Sulphuric Acid(4.9%)	72	0.5	0.69	Not Exceeding 2.5%
2		76	0.6	0.79	
3		81	0.6	0.74	

Note:

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ii. The results relate only to the items tested.

iii. This test report should not be reproduced except in full, without written approval of this laboratory.

iv. Any query regarding the report must be reported immediately.

For Mecadez Core Technologies Private Limited

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ISO 9001:2015 Management System Certified Company

MECADEZ
Insight Makes It Happen

MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Glazed stone ware Pipe

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Glazed Stone ware Pipe
Sample No	1
Date	15-Jul-2019

SL.NO	Dia Of pipe	CHARACTERISTIC COMPRESSIVE STRENGTH, KN/m	AVG CHARACTERISTIC COMPRESSIVE STRENGTH, fck in KN/m	Limits as per IS 651-2007
1	230	17	17.33	Not less than 16KN/m
2	230	18		
3	230	17		

Note:

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For Mecadez Core Technologies Private Limited

Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Glazed stone ware Pipe

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Glazed Stone ware Pipe
Sample No	4
Date	15-Jul-2019

SL.NO	Description	Result	Limits as per IS 651-2007
1	Hydraullic test	1.58kg/cm2 for 5sec	not less than 1.5kg/cm2
2	Water Absorbtion test	3.81%	not more than 6%

Note:

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Test Report
Solid block

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/02/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Soild block
Sample No	1
Date	19-Jun-2019

SL.NO	Failure Load in KN	CHARACTERISTIC COMPRESSIVE STRENGTH, fck , in, N/Sq.mm	AVG CHARACTERISTIC COMPRESSIVE STRENGTH, fck in N/Sq.mm	REMARKS
1	471	5.85	5.87	
2	468	5.8		
3	475	5.95		

Results: Compressive strength of solid block is 5.87 N/mm2

Note:

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